



10-30-03?

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Krumma, et al.
 SERIAL NO.: 10/624,586
 FILED: July 22, 2003
 FOR: Axial Shaping Air Design for Paint Atomizer
 DOCKET NO.: 60,126-227

INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR 1.97 AND 1.98

Commissioner for Patents
 P.O. Box 1450
 Alexandria, Virginia 22313-1450

Sir:

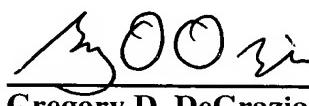
Pursuant to Rule 97 and in compliance with Rule 56, Applicant hereby makes of record the items listed on the attached Form PTO-1449. Copies of the listed items are enclosed.

None of these items discloses the inventive concepts claimed in the subject application.

Should there be a fee associated with this document, please charge it to Deposit Account No. 08-2789. **A duplicate of this paper is enclosed.**

Respectfully submitted,

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Dated: October 29, 2003

CERTIFICATE OF EXPRESS MAILING

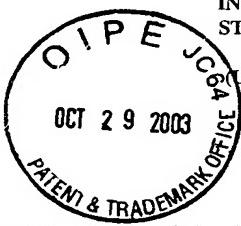
I hereby certify that the enclosed **Information Disclosure Statement** is being deposited with the United States Postal Service as Express Mail, postage prepaid, in an envelope as "Express Mail Post Office to Addressee," Mailing Label No. **EL997489354US** and addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450 on **October 29, 2003**.



Tracy L. Smith

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| FORM PTO-1449 U.S. Department of Commerce (Rev. 2-83) Patent and Trademark Office | | | | | | | | ATTY. DOCKET NO. 60,126-227 | SERIAL NO. 10/624,586 |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use several sheets if necessary)</i> | | | | | | | | APPLICANT Krumma, et al. | |
| | | | | | | | | FILING DATE July 22, 2003 | GROUP Unknown |



U.S. PATENT DOCUMENTS

| Examiner Initial | | Document Number | | | | | | | Date | Name | Class | Subclass | Filing Date |
|------------------|--|-----------------|---|---|---|---|---|---|----------|---------------------|-------|----------|-------------|
| | | 4 | 3 | 7 | 6 | 1 | 3 | 5 | 03-08-83 | Patel, et al. | 427 | 31 | 11-16-81 |
| | | 4 | 5 | 2 | 1 | 4 | 6 | 2 | 06-04-85 | Smythe | 427 | 421 | 07-30-84 |
| | | 4 | 5 | 7 | 2 | 4 | 3 | 7 | 02-25-86 | Huber, et al. | 239 | 703 | 04-12-83 |
| | | 4 | 5 | 8 | 9 | 5 | 9 | 7 | 05-20-86 | Robisch, et al. | 239 | 703 | 10-03-83 |
| | | 4 | 6 | 8 | 4 | 0 | 6 | 4 | 08-04-87 | Kwok | 239 | 223 | 08-19-85 |
| | | 4 | 7 | 1 | 5 | 3 | 1 | 4 | 12-29-87 | Ramseier, et al. | 118 | 631 | 04-25-86 |
| | | 4 | 8 | 5 | 2 | 8 | 1 | 0 | 08-01-89 | Behr, et al. | 239 | 703 | 06-14-88 |
| | | 4 | 9 | 1 | 9 | 3 | 3 | 3 | 04-24-90 | Weinstein | 239 | 223 | 11-15-88 |
| | | 4 | 9 | 2 | 7 | 0 | 8 | 1 | 05-22-90 | Kwok, et al. | 239 | 223 | 09-23-88 |
| | | 4 | 9 | 4 | 4 | 4 | 5 | 9 | 07-31-90 | Watanabe, et al. | 239 | 305 | 12-15-88 |
| | | 4 | 9 | 5 | 5 | 9 | 6 | 0 | 09-11-90 | Behr, et al. | 239 | 3 | 09-22-89 |
| | | 5 | 0 | 1 | 1 | 0 | 8 | 6 | 04-30-91 | Sonnleitner, et al. | 239 | 691 | 11-30-89 |
| | | 5 | 0 | 7 | 8 | 3 | 2 | 1 | 01-07-92 | Davis, et al. | 239 | 224 | 06-22-90 |
| | | 5 | 1 | 2 | 7 | 1 | 2 | 5 | 07-07-92 | Skibowski | 15 | 104.061 | 06-18-90 |
| | | 5 | 2 | 9 | 4 | 2 | 1 | 7 | 03-15-94 | Talacko, et al. | 406 | 91 | 06-11-92 |
| | | 5 | 3 | 0 | 0 | 0 | 0 | 6 | 04-05-94 | Tanaka, et al. | 483 | 56 | 07-02-93 |
| | | 5 | 3 | 9 | 7 | 0 | 6 | 3 | 03-14-95 | Weinstein | 239 | 703 | 04-01-92 |
| | | 5 | 6 | 2 | 2 | 5 | 6 | 3 | 04-22-97 | Howe, et al. | 118 | 620 | 05-26-95 |
| | | 5 | 6 | 3 | 3 | 3 | 0 | 6 | 05-27-97 | Howe, et al. | 524 | 409 | 05-08-95 |
| | | 5 | 6 | 6 | 2 | 2 | 7 | 8 | 09-02-97 | Howe, et al. | 239 | 700 | 05-26-95 |
| | | 5 | 6 | 8 | 3 | 0 | 3 | 2 | 11-04-97 | Braslaw, et al. | 239 | 7 | 06-29-95 |
| | | 5 | 7 | 0 | 4 | 9 | 7 | 7 | 01-06-98 | Baumann, et al. | 118 | 323 | 08-10-95 |
| | | 5 | 8 | 6 | 5 | 3 | 8 | 0 | 02-02-99 | Kazama, et al. | 239 | 704 | 10-29-96 |
| | | 6 | 0 | 3 | 7 | 0 | 1 | 0 | 03-14-00 | Kahmann, et al. | 427 | 421 | 06-26-98 |
| | | 6 | 0 | 9 | 0 | 4 | 5 | 0 | 07-18-00 | Kahmann, et al. | 427 | 421 | 02-04-99 |
| | | 6 | 5 | 0 | 8 | 6 | 1 | 0 | 01-21-03 | Dietrich | 406 | 13 | 12-06-00 |
| | | 6 | 5 | 8 | 9 | 3 | 4 | 8 | 07-08-03 | Ott | 118 | 684 | 04-26-01 |

FOREIGN PATENT DOCUMENTS

| | | Document Number | Date | Country | Class | Subclass | Translation |
|--|----|-------------------|--------------------------|--|-------|----------|-------------|
| | | | | | | | No |
| | AA | DE 100 33 986 A | OCT 29 2003 24.1.2002 | Germany | B05 | B 15/00 | Abstract |
| | AB | DE 100 63 234 C1 | 24.7.2002 | Germany | F 16 | L 11/22 | Abstract |
| | AC | DE 101 30 173 A 1 | 2.1.2003 | Germany | B 05 | B 12/14 | Abstract |
| | AD | DE 196 10 588 A 1 | 25.9.97 | Germany | B 05 | B 13/02 | Abstract |
| | AE | DE 197 09 988 A 1 | 1.10.98 | Germany | B 05 | B 12/00 | Abstract |
| | AF | DE 197 42 588 A1 | 1.4.1999 | Germany | B 05 | D 1/00 | Abstract |
| | AG | DE 198 30 029 A 1 | 5.1.2000 | Germany | B 05 | B 12/14 | Abstract |
| | AH | DE 199 09 369 A 1 | 21.9.2000 | Germany | B 05 | B 5/04 | Abstract |
| | AI | DE 199 37 425 A 1 | 15.3.2001 | Germany | B 05 | B 7/24 | Abstract |
| | AJ | DE 41 05 116 A 1 | 20.8.1992 | Germany | B 05 | B 5/04 | Abstract |
| | AK | DE 43 42 128 A1 | 14.6.1995 | Germany | B 05 | B 12/02 | Abstract |
| | AL | EP 0 767 005 A1 | 9.4.1997 | European Patent Office | B 05 | B 5/04 | n/a |
| | AM | EP 0 904 848 A1 | 31.3.1999 | European Patent Office | B 05 | B 12/14 | Abstract |
| | AN | EP 0 967 016 A1 | 29.12.1999 | European Patent Office | B 05 | B 3/10 | n/a |
| | AO | EP 1 108 475 A2 | 20.06.2001 | European Patent Office | B 05 | B 5/16 | Abstract |
| | AP | EP 1 114 677 A1 | 11.7.2001 | European Patent Office | B 05 | B 12/14 | Abstract |
| | AQ | EP 1 172 152 A1 | 16.01.2002 | European Patent Office | B 05 | B 12/14 | Abstract |
| | AR | WO 94/22589 | 13.10.1994 | World Intellectual Property Organization | B 05 | B 5/00 | n/a |

OTHER DOCUMENTS (Including Author, Title, Date**, Relevant Pages, Place of Publication***)

| | |
|---|-----------------|
| | |
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